

REMARKS

INTRODUCTION:

In accordance with the foregoing, only dependent claims 10-14 have been added. No new matter is being presented, and approval and entry are respectfully requested.

Claims 1, 2, 4, 5, and 9-14 are pending and under consideration. Reconsideration is respectfully requested.

ENTRY OF RESPONSE UNDER 37 C.F.R. §1.116:

Applicant requests entry of this Rule 116 Response and Request for Reconsideration because the references applied to the claims are newly cited in the final Office Action, and Applicant should be provided the opportunity to present patentability arguments and amendments in view thereof. All of the independent claims 1, 4, and 9 remain as previously presented without amendment and therefore raise no new issues.

The Manual of Patent Examining Procedures sets forth in §714.12 that "[a]ny amendment that would place the case either in condition for allowance or in better form for appeal may be entered." (Underlining added for emphasis) Moreover, §714.13 sets forth that "[t]he Proposed Amendment should be given sufficient consideration to determine whether the claims are in condition for allowance and/or whether the issues on appeal are simplified." The Manual of Patent Examining Procedures further articulates that the reason for any non-entry should be explained expressly in the Advisory Action.

REJECTION UNDER 35 U.S.C. §102(b):

In the Office Action, at pages 2-4, numbered item 2, claims 1, 2, 4, 5, and 9 were rejected under 35 U.S.C. §102(b) as being anticipated by new-cited U.S. Patent No. 5,486,686 to Zdybel, et al. ("Zdybel, et al."). This rejection is traversed and reconsideration is requested.

Zdybel, et al. teaches that information directly printed or written on a hardcopy may be encoded to enable reproduction of the document in either electronic or hardcopy form. More specifically, Zdybel, et al. teaches "methods and means for capturing and communicating, in fully integrated hardcopy form, digital data describing the structure and content of the electronic

source document underlying a human readable hardcopy rendering of the electronic document" (Zdybel, et al., col. 11, lines 14-18). Thus, Applicant respectfully submits that the encoded information in Zdybel, et al. only encodes information regarding the content and structure of the direct-reading material presented to the reader.

In contrast to Zdybel, et al., the present invention, as claimed in independent claims 1, 4, and 9, also encodes "additional material comprising text, sound, and images" which is related to the direct-reading material. This additional material is converted from primary data into secondary data, from which information content is directly obtained. The secondary data is presented in the form of codes for high-density display. Thus, this secondary data can be used to convey a variety of types of information, such as text, images, and sounds, which could not otherwise be printed on direct-reading material. Presenting the secondary data in the form of codes for high-density display allows for additional material, including text, images, and sounds, to be printed directly on a page of direct-reading material.

As a result of encoding the secondary data in a form for high-density display, such as a two-dimensional barcode, a reader of printed direct-reading material is provided with additional relevant information, which is not directly readable on the printed page. For example, by scanning the two-dimensional barcode printed on direct-reading material into an application on a personal computer with a handheld scanner, the reader would be able to access additional audio, image, and text features relating to the direct-reading material. The data read in by means of the handheld scanner would be decoded by a decoding software application installed on the computer. Thus, as a result of the information encoded on the printed direct-reading material, a reader may also be able to access additional material, such as audio clips or additional text or images, related to the material directly readable from the printed page.

NEW CLAIMS

Dependent claims 10-14 are newly added with this response to set forth the invention in a varying scope. Accordingly, Applicants respectfully submit that new dependent claims 10-14 are patentable over the Examiner's cited reference at least for the same reasons as noted above for the independent claims 1, 4 and 9.

CONCLUSION

In accordance with the foregoing, it is respectfully submitted that all outstanding objections and rejections have been overcome and/or rendered moot. And further, that all pending claims patentably distinguish over the prior art. Thus, there being no further outstanding objections or rejections, the application is submitted as being in condition for allowance which action is earnestly solicited. At a minimum, this Amendment should be entered at least for purposes of Appeal as it either clarifies and/or narrows the issues for consideration by the Board.

If the Examiner has any remaining issues to be addressed, it is believed that prosecution can be expedited and possibly concluded by the Examiner contacting the undersigned attorney for a telephone interview to discuss any such remaining issues.

If there are any underpayments or overpayments of fees associated with the filing of this Amendment, please charge and/or credit the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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